

# Lokesh Popuri

## .Net Full Stack Developer

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### EDUCATION:

Masters in computer/information technology services administration and management, St. Francis College, USA.

### OBJECTIVE:

Experienced .NET Full Stack Developer with 5+ years of expertise in building scalable web applications and delivering high-quality solutions. Proven ability to transform business needs into robust, user-friendly applications through strong technical and collaborative skills.

### PROFESSIONAL SUMMARY:

- Around 5+ years of experience in the IT industry, covering the full software development life cycle including requirement gathering, design, development, testing, deployment, and maintenance of enterprise-level applications using .NET technologies.
- Expertise in developing scalable web applications using ASP.NET MVC, ASP.NET Core, C#, ADO.NET, Entity Framework, and Web APIs.
- Strong experience in developing and consuming RESTful and SOAP services using WCF, Web API, and integrating with third-party APIs for seamless data flow.
- Proficient in front-end technologies like HTML5, CSS3, Bootstrap, JavaScript, TypeScript, jQuery, AngularJS, Angular, and ReactJS to build responsive and user-friendly UI components.
- Hands-on experience in microservices architecture using ASP.NET Core, ensuring modularity, maintainability, and scalability.
- Extensive experience in database development using SQL Server, MySQL, and Oracle, with strong skills in writing T-SQL, PL/SQL, stored procedures, views, functions, and performance tuning.
- Practical knowledge of NoSQL databases like MongoDB and Azure Cosmos DB for handling semi-structured data.
- Expertise in cloud platforms including Microsoft Azure (Web Roles, Azure SQL, Azure AD, PaaS) and AWS (EC2, S3, Lambda, CloudFormation, VPC, RDS), with strong focus on application deployment and infrastructure automation.
- Experience with containerization using Docker and orchestration with Kubernetes and OpenShift, enabling seamless CI/CD and scalable deployments.
- Proficient in using CI/CD tools such as Azure DevOps, Jenkins, and GitHub Actions for automated builds, tests, and deployments.
- Familiar with Agile and Scrum methodologies, including participation in sprint planning, daily stand-ups, and retrospectives.
- I am skilled in application performance tuning, memory management, multithreading, and implementing design patterns such as MVC, Repository, Factory, and Singleton.
- Experience in migrating legacy applications from Classic ASP and monolithic architecture to modern .NET Core-based microservices hosted on cloud.
- Proficient in using version control tools such as Git, GitHub, TFS, and VSS for source management and collaboration.
- Worked on developing secure applications with OAuth 2.0, JWT, Windows Authentication, and Azure AD for enterprise authentication and authorization.
- I am familiar with advanced Azure services like Azure Cognitive Services and Azure Machine Learning for analytics-driven solutions.
- Experience in using reporting tools like SSRS and Crystal Reports for creating interactive dashboards and business reports.
- Strong analytical, problem-solving, and communication skills with proven ability to adapt to new technologies and work collaboratively in global delivery environments.

### TECHNICAL SKILLS:

Programming Languages:

C#, VB.NET, T-SQL, PL/SQL, JavaScript, TypeScript, Shell Scripting

.NET Technologies:

ASP.NET Core, ASP.NET MVC, ASP.NET Web API, ADO.NET, Entity Framework, Entity Framework Core, LINQ, Blazor, Razor Pages, SignalR, WCF, MSMQ, WinForms, .NET Framework (3.5 to 4.8), .NET Core, .NET 6/7, REST API Development, API Management, Auth0 (Authentication & Authorization)

Frontend Technologies:

HTML5, CSS3, JavaScript, TypeScript, Bootstrap, Angular (v2+), ReactJS, jQuery, AJAX, Responsive Design, Angular Material, PrimeNG

Web Services & Protocols:

RESTful Services, SOAP, WSDL, JSON, XML

Databases:

SQL Server (2008 to 2019), MySQL, Oracle (10g/11g), Azure SQL Database, NoSQL (DynamoDB, Cosmos DB)

Cloud Platforms & Services:	Microsoft Azure (App Services, Azure Functions, Azure DevOps, Azure Storage, Azure API Management, Azure SQL), Amazon Web Services (EC2, S3, IAM, RDS, Route 53, CloudFront, DynamoDB, RedShift, ELK Stack)
DevOps & CI/CD:	Azure DevOps (Pipelines, Repos, Boards), Jenkins, Git, GitHub, Terraform (Basic knowledge), Docker (Containers), Kubernetes (Basic knowledge), Nuke Build Automation
Reporting & ETL Tools:	SSIS (Integration Services), SSRS (Reporting Services), Power BI (Basic knowledge), Crystal Reports
Development Tools & IDEs:	Visual Studio (2015 to 2022), Visual Studio Code, SQL Server Management Studio (SSMS), Postman, Swagger, Fiddler, Azure Portal
Version Control & Collaboration:	Git, GitHub, Azure Repos, Bitbucket
Bug Tracking & Project Management:	JIRA, Azure Boards, BugZilla
Methodologies & Design Patterns:	Agile (Scrum & Kanban), MVC, Microservices Architecture, Onion Architecture, N-Tier Architecture, Factory Pattern, Singleton Pattern, Repository Pattern
Operating Systems:	Windows (7, 10, 11, Server Editions), Linux (Basic Commands), macOS (Basic usage)
Other Tools & Utilities:	Microsoft Office Suite (Excel, Word, PowerPoint, OneNote), Visio (UML Diagrams), Postman (API Testing), Swagger (API Documentation)

## WORK EXPERIENCE:

### McKesson Corporation | .NET Full Stack Developer | Irving, TX, USA

Apr 2024 - Present

#### Responsibilities:

- Developed and maintained banking and healthcare applications using Visual Studio 2015, .NET Framework 4.6.2, C#.NET, ASP.NET MVC 5, and SQL Server.
- Created and hosted WCF services to support both desktop and mobile application communication.
- Built responsive SPAs using Angular and TypeScript, leveraging HTML5, CSS3, Bootstrap, and Kendo UI for advanced UI/UX.
- Designed and consumed RESTful APIs using ASP.NET Web API for seamless CRUD operations and service integration.
- Used Entity Framework and LINQ for efficient database operations and object-relational mapping.
- Created business logic components in C# for handling complex middle-tier database transactions.
- Optimized SQL Server T-SQL queries and improved application performance through indexing and query tuning.
- Migrated applications from IaaS to PaaS use Azure Worker Roles to enhance scalability and maintainability.
- Integrated Azure Cognitive Services and Azure ML for advanced data analytics in banking solutions.
- Built and maintained CI/CD pipelines using TFS, enabling seamless automated builds and deployments.
- Used GitHub, TFS, Git Extensions, and SourceTree for source control and version management.
- Followed Agile and Kanban methodologies, participating in daily scrums, sprint planning, reviews, and retrospectives using JIRA and Rally.
- Collaborated with cross-functional global teams, leveraging UML and OOAD through Microsoft Visio for design documentation.
- Created technical documentation, user manuals, and program libraries for ongoing product support.
- Handled production support and resolved live issues while continuing active development tasks.
- Implemented AJAX.NET for dynamic UI interactions and improved client-side performance.
- Worked on access management tickets, bug fixes, and enhancement tasks as part of Agile workflow.
- Performed unit testing and peer code reviews to maintain high-quality, reliable application code.

**Environment:** Visual Studio 2015, .NET Framework 4.6.2, C#.NET, ASP.NET MVC 5, Entity Framework, SQL Server, Angular, TypeScript, HTML, CSS, Bootstrap, Kendo UI, JIRA, Rally, Web APIs, WCF services, GitHub, TFS, Azure Worker Roles, Azure Cognitive Services, Azure Machine Learning, AJAX.NET, LINQ, Microsoft Visio, GitBash, Git Extensions.

### USAA | .Net Full Stack Developer | San Antonio, TX, USA

Apr 2023 – Mar 2024

#### Responsibilities:

- Developed responsive user interfaces using Razor View Engine, HTML5, CSS3, and jQuery to deliver dynamic, accessible web applications.
- Created RESTful services using ASP.NET Web API and WCF, enabling secure and scalable communication between components.
- Implemented dependency injection to enable loose coupling and facilitate unit testing and modular design.
- Worked with Entity Framework (EF6) to model data and execute CRUD operations against SQL Server 2015.
- Wrote and optimized SQL scripts, including stored procedures, triggers, views, functions, and CTEs for transactional integrity.

- Used Microsoft TFS for source control, versioning, and task tracking during the development of lifecycle.
- Implemented JWT-based authentication for secure, token-driven access to RESTful services.
- Built and tested WCF service client calls in a Service-Oriented Architecture, following enterprise architecture standards.
- Leveraged AWS cloud services including EC2, S3, Elastic Beanstalk, Lambda, API Gateway, CloudWatch, CloudTrail, Load Balancer, and RDS for deployment and monitoring of cloud-native applications.
- Designed NoSQL-based dynamic schemas to support flexible and scalable data access components in .NET.
- Worked with multiple .NET Framework versions (3.5 to 4.5), incorporating ASP.NET MVC, LINQ, AJAX, XML, and JSON for full-stack development.
- Utilized AngularJS and Angular 2+ for creating dynamic views, implementing state management using Ng Rx, and connecting to backend APIs.
- Integrated front-end libraries such as React-Bootstrap, High charts, and Data Tables for advanced UI features.
- Built modular front-end components using Angular and React JS, running on Node.js serves real-time capabilities.
- Followed MVC5 architecture using C#, Entity Framework, and SQL Server to implement business logic and data access layers.
- Tested API endpoints using Fiddler and Postman to validate functionality and error handling of REST and WCF services.

**Environment:** .NET Framework (3.5 – 4.5), C#, ASP.NET MVC5, Entity Framework, SQL Server, Razor, Web API, WCF, JWT, Angular, AngularJS, React JS, JavaScript, LINQ, HTML5, CSS3, AJAX, XML, JSON, Microsoft TFS, AWS (EC2, Lambda, S3, RDS, etc.), GitHub, Node.js, Ng Rx.

## Jefferies Financial Group | Senior .Net Developer | Mumbai, India

Oct 2021 – Dec 2022

### Responsibilities:

- Developed web applications using ASP.NET MVC, Razor View Engine, JavaScript, HTML5, CSS3, and Bootstrap to deliver interactive financial tools.
- Implemented SPA modules using Angular 2 and TypeScript, managing view data with AngularJS controllers and observable patterns.
- Utilized Docker ORM for containerization and isolation of services in development and deployment pipelines.
- Built backend layers using Entity Framework 6.0 and Entity Data Model to handle complex data manipulation with SQL Server.
- Created dynamic UIs using Telerik Kendo UI components like grids, buttons, and menus for enhanced user experience.
- Used ASP.NET AJAX and XAML for Silverlight to improve UI responsiveness and build modern web interfaces.
- Developed single-page applications with Angular 2, integrated with REST APIs to improve responsiveness and load times.
- Wrote business logic and secure authentication flows using C#, ASP.NET, and ASP.NET security infrastructure with OAuth standards.
- Designed and managed stored procedures, triggers, and views to support high-volume transaction processing using SQL Server and Oracle PL/SQL.
- Created and validated web pages using XHTML, ASP.NET, and AJAX for dynamic user behavior and responsive design.
- Generated ad-hoc reports using SQL Plus and TOAD to fulfill business intelligence and reporting requirements.
- Handled version control, builds, and documentation using Microsoft Team Foundation Server (TFS) for consistent project delivery.
- Migrated legacy applications to Azure PaaS, using Worker Roles and cloud schedulers to improve scalability and manage background tasks.
- Followed Agile Scrum practices, participating in sprints, daily standups, and using TDD methodologies for high-quality delivery.

**Environment:** Angular 2, ASP.NET MVC, Razor View Engine, JavaScript, HTML5, CSS3, Bootstrap, Entity Framework 6.0, jQuery, AngularJS, ASP.NET AJAX, TELERIK UI (Kendo UI), TypeScript, C#, XAML, Microsoft SQL Server, Microsoft Team Foundation Server (TFS), VB.NET, Docker ORM, Oracle PL/SQL, SQL Plus, TOAD, Xamarin.

## Trinity Health | .Net Developer | Mumbai, India

Jun 2019 – Sep 2021

### Responsibilities:

- Developed and enhanced healthcare modules using C#, VB.NET, ADO.NET, and SQL Server 2008 to support clinical and patient management functions.
- Created dynamic web interfaces using ASP.NET Web Forms, HTML, Data Binding techniques, and Infragistics web grid components.
- Designed WCF services for real-time communication across distributed systems, implementing Windows Authentication for secure intranet access.

- Built WPF forms and custom controls to provide personalized content and enhance user engagement in internal applications.
- Applied multithreading concepts to ensure high-performance application behavior under heavy workloads.
- Integrated backend logic using C# classes and connected them to data-bound controls like DataGrid and Data List.
- Developed RESTful Web APIs using ASP.NET Web API to enable data exchange and integration between services within the healthcare ecosystem.
- Created modern web UIs using ASP.NET MVC, Razor syntax, AngularJS, JavaScript, jQuery, HTML5, CSS3, and Bootstrap.
- Managed ORM layers using Entity Framework and LINQ to SQL for efficient database access and transactional consistency.
- Used Microsoft Team Foundation Server (TFS) for version control and task tracking in a collaborative development environment.
- Implemented TDD practices using N Unit for unit testing and load testing to ensure stable, production-ready releases.
- Supported data security and integrity by using SQL Server stored procedures, triggers, and proper exception handling techniques.
- Maintained and enhanced legacy Web Forms and VB.NET-based modules while transitioning to ASP.NET MVC architecture.
- Collaborated across teams in Agile workflows, participating in sprint planning, code reviews, and knowledge-sharing sessions.

**Environment:** C#, ASP.NET, MVC, Entity Framework, SQL Server, LINQ, Web API, WCF, JavaScript, jQuery, HTML, CSS, AngularJS, Visual Studio, TFS, Git, Bootstrap, NUnit, Azure.